



COLORADO SPRINGS,  
COLORADO

JANUARY 1991



PIKES PEAK RADIO AMATEUR ASSOCIATION, INC.  
P.O. Box 16521  
Colorado Springs, CO 80935

FIRST CLASS MAIL



# Ø BEAT



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\* Denotes first year of a two year term.

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The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at the Elks Lodge, 5400 North Nevada Ave. at 7 PM.

EDITOR: Ron Deutsch NKØP 4305 Ridgelane Drive, Colorado Springs, Colorado 80918 (719) 593-8352. Electronic data transfer by appointment.

## MESSAGE FROM THE PRESIDENT . . .

I'm keeping my column brief this month because we want to include some information pertaining to ham radio and operation Desert Shield.

As we start this new year, it seems appropriate to reflect on just how well our club is doing. Are we doing things right, or are we at least doing them as well as we can? I'd like to pose these questions to you, the membership, and to ask you to tell the board just how well (or otherwise!) you think we are doing.

The board meets each month to discuss upcoming activities in which the club and the members will be involved. These include the monthly programs as well as major events such as the swapfest and field day. Most times, only the board members are present at these meetings (even though all members are welcome to attend) and we often find it hard to come up with new ideas, particularly for the monthly programs. So we could really use some suggestions from the membership. Just tell us something you'd like to hear about and we'll try to find someone to present it. I'd bet most of you know someone who could present a topic in which most hams would be interested, or perhaps there's something you yourself would like to share with us all?

So please give the board some input and feedback. Tell us how we could be doing things better for you and help keep our club one of which we're all proud to be members.

73, Dave, NØION

## OPERATION DESERT SHIELD AND AMATEUR RADIO

While working at Fort Carson I recently had the chance to see Ham Radio at its best...delivering messages to and from the soldiers deployed in the Middle East. Due to the conditions and the many remote sites our troops are stationed at in the Arabian Peninsula normal routes of communications are all but impossible. Many families are relying on MARSGRAMS for communications with their relatives and friends.

Military Amateur Radio has provided an invaluable service to these soldiers and their families. Many of your ham friends here are members of MARS, NØCMW and KØTER to name two.

If you would like to participate in this very worthwhile activity the following addresses are provided for your information:

Air Force MARS:  
Chief USAF MARS  
TIC/DLTX (MARS)  
Scott AFB, IL 62225-6343

Army MARS:  
Chief US Army MARS  
HQ USAISC  
ATTN: AS-OPS-OA  
Fort Huachuca, AZ 85613-5000

Navy-Marine MARS:  
Chief Navy-Marine MARS  
Naval Communication Unit  
Washington, DC 20390-5161

You DO NOT have to be military to be a member.

73s, Ron, NKØP--AFA5GZ

## **"THE VIEW FROM THE PEAK"**

by George Hinds, N8CIX/Ø

It comes to mind... now that "no-code" is to be a reality by FCC decision, perhaps it's time to provoke thought about what a "codeless" class of ham radio license could bring...

The November PPRAA club meeting was, as it usually is, an interesting place to be. Especially when the subject turned to "no-code" licensing. Magazine opinion polls/surveys have been reporting over 60% of hams (including ARRL members) favored a code-free license class, yet most of those present seemed in opposition. Strange?

Being agreeable with the program speaker? Perhaps; he opposed a codeless license. What's been the most frequent reason given for hams objecting to no-code? Because they view CW as being a magic filter -- the way of "not letting the CB-types in ham radio". Well, I'm not crazy about ideas that I think might turn ham radio into the worst of CB. But we often hear some pretty bad stuff anyway, FCC fines aren't restricted to CB'ers...

I've gone along with the school of thought that believes we can enroll the "good guys in the white hats" from the ranks of technically-minded people, people in the field of electronics, computer brains, those wanting to become involved in public service, wives of hams who are willing to study for a written but not CW, and such. We all know so many fine candidates for amateur radio (some are even family members) who want to be hams but won't "waste time" (their words, not mine) learning "outmoded, useless, irrelevant things (CW)". Again, a few of their words, not mine.

How do we provide a way to get them hooked on hamming? Refusing to learn Morse code, up to now we've turned them away. A few years ago, many hoped Novice Enhancement would swell the ranks of amateur radio. It still mandated code. It didn't produce the hoped-for results. Now the mandate to know code is being discarded. Will the new codeless Technician class license bring them in at a time when electronics technology and communications is leaping into the next century?

I admit to having had a few lingering doubts about "codeless" entry into the amateur radio service. Folks, those doubts were largely erased at that November meeting. Why? I heard Dave, as the incoming president of our club, unashamedly tell the speaker who was opposed to a codeless entry that he, Dave, was a product of "codeless" entry into amateur radio! From the U.K., of course, where "no-code" entry is an accepted fact. I didn't hear anyone throw

a fit -- or call the troops to rise and revolt against our new leader -- did you?

You bet your boots you didn't! Here's a guy who has continually served the local amateur community and the PPRAA. He's still at it...

So: if this is an example of the kind of person attracted to amateur radio through a code-free license, then I say go get 'em -- the amateur radio service can use all that breed we can get. With another WARC coming in 1992, with commercial big-money interests seeking more spectrum, impressive growth may assure the continuing existence of amateur radio as a worthy occupant of what is becoming an increasingly-rare and valuable resource -- spectrum.

Thelma and I hope you and yours had a happy, healthy and safe holiday season.

73, George N8CLX

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## **1991 SWAPFEST CALENDER**

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2/17/91 ARA Swapfest Jefferson Co. Fairgrounds. Contact Judy WDØHNP

5/4/91 WSRC Swapfest Grand Junction, CO.

5/19/91 (Tentative) PPRAA Swapfest, Colorado Springs, CO. Contact: Jeff NØJLH 591-6438

6/8/91 Wyoming Hamfest, Casper, WY.

7/21/91 DRC Swapfest Jefferson Co. Fairgrounds Contact: Keith NØLVO

9/91 Rocky Mountain Division Convention, Salt Lake City, Utah Contact: KQØJ

*Please notify the Editor, NKØP of any additions or corrections!*

## TRIVIA CORNER

The answer to last month's Trivia Corner is:  
Pete Demario, K0UDG

Since no one sent in the correct answer, this month's question will be worth \$15.00 in cash!

**The question is: The United States suspended Amateur Radio during most of WWII, on what date did that suspension take place??**

Send your answer to:

EDITOR: O-BEAT NEWSLETTER  
4305 Ridgeland Drive  
Colorado Springs, Colorado 80918

*Remember: In case of a tie 1st postmark wins. If two correct entries have the same postmark winner will be drawn at the next club meeting. You must be a current PPRAA member to win.*

**Hint: Check the 75th Anniversary Issue of QST.**

## VE's Need Help

With the no-code license coming local area VE's need help to run exam sessions.

If you are a VE please contact one of the club officers so we can update our mailing list.

If you are not a VE now may be a good time to become one.

If you don't want to be a VE but would like to help please let one of the board members know. Any license class can help during a VE session with a variety of issues. (ie: talk-in, refreshments, some of the paperwork, pre-test preparations, etc)

If you would like further information you can contact the editor at 593-8352.

## CLUB MEETING PROGRAMS

The January PPRAA club meeting will feature two programs.

1. Home brew nite competitions with \$\$\$ prizes for 1st, 2nd, 3rd place winners.

2. Auction nite with the remaining time. Bring something from your junk box or that rig you have been thinking about selling someone may be looking for just what you have.

Rules:

1. If you bring it and it doesn't sell you must take it back with you!

2. Club president reserves the right to set the order of the auction and resolve any disputes.

3. 100% of the proceeds go to YOU, the seller.

*Bring some goodies and lets have some fun!*

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## FEBRUARY MEETING

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The February meeting will feature a special guest:

**Dr. Charles Stewart**, he will give a slide presentation on: **ELECTRICAL INJURIES.**

Dr. Stewart has a degree in Engineering as well as a Medical Degree. He is currently the Director for Education and Research for Spectrum Emergency Care.

**Don't miss this meeting!**

1934 Official

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Dec. 26, 1990

ARES DIST. 14 REPORT

JOHN/NØKIC EL PASO CO. AEC

PRIMARY REPEATER: 146.37/97

PRIMARY SIMPLEX 146.58

Dist. 14 net: Tues. 7 PM

Colo. HF net: Sun. 8 AM 3928 kHz

I would like to recognise the Official Emergency Stations, Jake/NØCYR and three new ones, Mike/KØTER, Doug/WBØMHP and Dave/NØLTW.

If we missed any QES's or if anyone is interested, contact KØTER.

We have approx. 60 amateurs registered in El Paso Co. and another dozen in Teller Co.

The decision has been made to divide up into groups of 10 to 15 each. This required three more Asst. Emergency Coordinators, bringing the total number of AEC's up to seven. This gives us more help with coordination.

The criteria used to establish who is in which group was: 1: AREA (ZIP) 2: RANDOM, and 3: INTEREST.

Lets try this roster (list) for at least six months and see how things progress. If by then we think it should be changed, we'll work out a better roster list.

Normally, the EC (KØTER) will call the county AECs (NØKIC & NØAA). The El Paso AEC will call the other AECs.

AEC SEVERE WX.:

Doug/N4TGO;

ALT: Steve/WB7VHR

AEC for PACKET:

Jeff/NØJLH;

ALT: Malcolm/KE9S

-----

AEC for RED CROSS

Dave/NØLTW;

ALT: Mallory/NØIKF??

AEC HOSPITAL COMM.

Mark/NØEPF;

ALT: Al /NØCMW

AEC HF OPS

Doug/WBØMHP

ALT: Jake /NØCYR

For callup purposes we tried to balance the number of people listed under each AEC. This will mean that not all of the members assigned to any one group will be specialists, i.e., Not everyone listed under Jeff/NØJLH will be "packeters"

The actual callup would be simple. Once the callup info reaches the AEC or his alternate, then he calls next one on list, who in turn calls the next one and so on. From the AEC on down, each person only needs to "complete" one call. The definition of "complete" is to actually talk to the amateur called and know that he will make his call. If that person can't be contacted then skip him and call the next one. If you should hear "on the air" that a call up is in progress, check in, then make your call IF so advised.

We would expect the AEC's to contact all persons in his group, from time to time, in order to have a feel for who is still available and if their equipment or other status has changed.

There will be "Severe Weather" classes, in Denver and local, for us to attend. There is a need for more amateurs to be able to respond to the Weather station at Pete Field. Please contact Doug/N4TGO and/or Steve/WB7VHR for more information.

Dist. 14 has been involved in many events this past year, both planned and unplanned. There are several events already in planning stage for '91.

Dist. 15 (Pueblo & Huerfano Counties) has a new EC and their group is doing great. Lately, there has been as many checkins on Tuesday night from Pueblo as there has from Dist. 14. Please check in on the net at 7pm.

We will be ordering some ARES & SKYWATCH patches and decals for you to pick up from us.....

73 John/ NØKIC



ARES DIST. 14 CALLUP ROSTER

Dec 15 80

		WORK	HOME
EC DIST. 14	KØTER MIKE STANSBERRY	590-2317	636-1290 *OES
AEC EL PASO CO	NØKIC JOHN CHAPMAN	590-2317	635-1604
AEC TELLER CO	NØAA BUD THOMPSON	-----	689-2983

THE FIVE AEC'S (or ALTERNATES) BELOW WILL BE NOTIFIED BY THE THREE ABOVE

AEC HOSPITAL COMM.	NØEPF MARK RICHARDSON	574-7700	596-6916
AEC for PACKET	NØJLH JEFF BOYES	554-4109	591-6438
AEC RED CROSS	NØLTW DAVE STEELE	596-5795	596-8007 *OES
AEC SEVERE WX.	N4TGO DOUG PARIS	550-3570	495-4908
AEC HF OPS	WBØMHP DOUG MALONEY	590-2757	599-9605 *OES

AEC NØEPF/MARK WILL START CALL UP WITH THIS GROUP

ALT NØCMW AL	VROOMAN	80909	473-1660
KØGH JOHN	CRAWFORD	80132	594-8806 481-3568
KBØCY [REDACTED]	WITTE	80132	590-3230 488-0859
KBØFUT ROBIN	FIELDS	80132	520-4670 488-2237
KCØUH STEVE	SAWYER	80913	579-2531 527-9651
W5UKF MIKE	REISMAN	80913	579-7025 576-6378
ADØZ ALLEN	BAILEY	80917	303-971-8438 597-8514
NØION DAVE	BANKS	80919	548-2045 260-1318
NØAMP LARRY	KRAL	80921	592-5462 488-2589
KEØWC DON	CHATELAIN	80930	574-4903 683-2883
NEQDA KEVIN	SIMMONS	80949	592-4773 594-6912

AEC JEFF/NØJLH WILL START CALL UP WITH THIS GROUP

ALT KE9S MALCOLM	BENTON	80921	' 488-2071
NØLA PETE	LAFOSSE	80831	495-4829
KC4KGS MATT	WARNOCK	80919	? 531-6609
W3MHL MIKE	LEHMPUHL	80132	481-3401 488-2440
N3EUA B'DALE	GARBY	80908	590-WP 495-0091
WBØDUM GEORGE	LOCKHART	80908	495-3983
NØISV WAYNE	STEPHENS	80909	? 550-0938
NEØH PAUL	THOMAS	80909	599-5133 597-0596
WØMCT DOC	CORNELL	80909	597-1620 596-4216
WØØK GEO	BEAUCHAMP Sr	80909	535-8758

AEC NØLTW/DAVE WILL START CALL UP WITH THIS GROUP

ALT? NØIKF MALLORY	JEFFERIS	80916	? 591-0049
KBØFNM RUSS	CALAWAY	80904	471-9965
WAØMNL ROSIE	CALAWAY	80904	471-9965
WBSYXD HARV	SIMS	80132	303-740-4312 481-4597
KDØEL MAX	STAFFORD	80133	472-? 488-9289
KØEZW KEN	MOREY	80904	590-2541 475-0323
KAØJEA CARL	SPERRY	80904	634-7984
NØØDF BUD	LISENGOOD	80905	598-3077 475-0537
KBØFEL BRUCE	LEPLEY	80907	473-4010 593-8704
KW40 CHARLIE	DAVIS	80907	260-1711 260-6305
WRØY BILL	PHERIGO	80907	590-3420 598-6778
KDØNB E. J.	LUND	80908	528-7639 495-9007

ARES CALLUP PAGE 2

AEC N4TGO/DOUG WILL START CALL UP WITH THIS GROUP

ALT	WB7VHR	STEVE	WESTBY	80916	540-0990	570-1070
	KE0OW	ROXY	VAN HOUTAN	80910		635-4009
	N0HRD	WILL	ZIMMERMAN	80910		471-8527
	K0ROL	OAK	STOCKTON	80915		570-7702
	N0IEM	FRANK	KALTENSTEIN	80915		596-7900
	WB7VNF	EV	WITTIG	80915	550-5136	300-0548
	K00EDD	NORMAN	JARVIS	80916	550-2974	574-7551
	N0IER	CHARLIE	PARKER	80916	303-796-5800	391-1186
	WA7VVA	DON	MCBRIDE	80916		574-5444
	WB0IMH	DON	ERICKSON	80916	593-3431	591-8884
	WB0BLV	LEE	SUBLETT	80916	??	390-4444
	N0MHO	STEVE	BATES	80915	??	637-0884
	N0MHP	CHRIS	BATES	80915		637-0884

AEC WB0MHP/DOUG WILL START CALL UP WITH THIS GROUP

ALT	N0CYR	JAKE	JACOBS	80906	(call WB0MHP or N0KIC)	*OES
	N0FRQ	KEN	GRAY	80917	594-1290	574-7318
	K00DPK	DENNIS	CATON	80918	540-1923	593-5958
	K00WX	RICHARD	STEINMIER	80918	636-8650	583-1935
	KX00	LAUREN	LIBBY	80918	590-1212	593-9861
	N0KEI	SAM	CHRISBENS	80918	636-0207	599-0336
	N0KIB	HAZE	HUTMACHER	80918	554-4237	531-6436
	NSQLP	ROBERT	KRUEGER	80918		598-1659
	NK0P	RON	DEUTSCH	80918	?	593-8352
	WB7THT	RICK	KILE	80918	591-7200	599-7655

AEC N0AA/BUD WILL START CALL UP WITH THIS GROUP FROM TELLER COUNTY

ALT	N8CIX	GEORGE	HINOS	80866		687-2610
	K00ZO	DEL	GODDARD	80813		689-2524
	N0DL	RUPE	WELCH	80813		689-2705
	N0KYZ	TERRY	THOMPSON	80813		689-2983
	N0FCR	ROBERT	WHIPPLE	80814		687-9025
	WB9BTI	ART	TICHENOR	80819		684-2025
	N0LEI	ERIC	HARRIS	80860		689-2807
	N0LWI	PETE	MAYER	80863	687-9456	687-9456
	N0CGP	NORMAN	LESLIE	80866		687-3539
	N0KZA	CHARLES	NITKA	80866		687-9666
	WB0FLU	ROBERT	BERGMAN	80866	633-5847	687-2126

\* Official Emergency Station



## DITS AND BITS

### For Sale:

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 LAMBDA 300v/.8 amp regulated supply. \$25  
 LAMBDA 200v/.4 amp regulated supply. \$20  
 (Both have heater supply)  
 Hombrew 12V variable regulated supply. \$5  
 Heathkit digital design experimenter. \$10  
 New Ohmite variable resistors (assorted sizes)

\$1ea.

Code practice osc. with key. \$5  
 contact: KBØEMM 576-5119

### For Sale:

Drake TR-4 with AC-4, MS-4 very good condition. \$200 or ?Trade.  
 B&K Transistor Analyst w/manual \$25  
 40 Watt 1296Mhz "brick" w/ relays \$300  
 Daiwa 30 amp variable DC supply w/meter \$125  
 Heathkit SP-99 speaker \$15  
 Variety of coaxial antenna relays  
 Precision signal generator \$20  
 Motorola P-8501 test set \$20  
 Contact NKØP Ron 593-8352 or 579-5274

### For Sale:

1 Mbyte memory for AT and compatibles that use SIMMS (100ns) \$75. 4 each 256X9. That's \$50 a meg less than new. Used only one month.  
 Doug--WBØMHP 599-9605 after 5pm.

### For Sale:

10 meter HTX-100 Radio Shack Transceiver, 30 Watt Mod. \$130.00  
 TS-780 Kenwood Dual Bander all mode 2mtr and 430-440Mhz w/service manual and microphone and SP-70 speaker. All for \$440.00  
 Astron RS-20A 20 amp supply \$75.00.  
 100 Watt 6mtr amplifier solid state 10 watts input \$110.00  
 Contact KXØO 593-9861

### For Sale:

Ham M rotator, \$125  
 Pair 1990 Callbooks \$25  
 Johnson Matchbox, \$95  
 HM 102 SWR/Watt meter \$25  
 Collins 516F-2 power supply "RE" \$150  
 Collins TM-2 power supply \$85  
 George--WØUDZ 576-8844

## LOCAL HAM BREAKFAST

Many local area Hams get together each Saturday for friendship and food at the Village Inn at Palmer Park and Academy Blvd. (Rustic Hills)

This meeting is informal and not associated with any club or activity. Some arrival as early as 0630 and stay until 0830 or 0900.

Come share in the company of fellow amateurs and prospective amateurs each Saturday and make a new friend!

More info? Call the editor at 593-8352.

## H. A. M. S.

### Hams Are Meeting Socially

The PPRAA will host a social meeting of amateurs and friends Saturday January 12th at the Village Inn at 3902 Palmer Park Blvd. in Colorado Springs, CO.

Come any time after 0630--buy your breakfast or just come for coffee and to meet and visit with fellow amateurs.

The other three "Tri-City" breakfasts were well attended. Lets make this one the biggest and best yet!

Any questions contact:

WAG/MNL, Rosie or NØKIC, John

## Code to be Dropped From Technician Exam

The Federal Communications Commission will eliminate the Morse code portion of the Technician class Amateur Radio examination, thereby creating a code-free class of license.

The new rules will probably take effect 30 days after their publication in the *Federal Register*. According to Private Radio Bureau Chief Ralph Haller, the effective date could be as early as February, 1991.

Current Technician class licensees will be grandfathered, so as not to lose any privileges (including those below 30 MHz, which they share with Novices). The new codeless Technicians will have full amateur privileges above 30 MHz. "New" Technician licensees will, upon passing a 5-WPM code test before volunteer examiners, be issued a Certificate of Successful Completion, allowing them the same HF privileges as "old" Technicians.

Volunteer examiners will be required to notify the FCC of the 5-WPM Morse CSCE issued to "new" Technicians, so the FCC will have this information for enforcement purposes.

The current Novice class license will be retained without modification, as an "alternate entry point" for persons willing to pass a Morse test without taking the more difficult Technician theory examination.

"Offering a codeless class of license that authorizes control operator privileges at stations which transmit exclusively above 30 MHz," the Commission said, "provides an entry level opportunity to otherwise qualified persons who find [telegraphy] a barrier to pursuing the purposes of the amateur service."

The Technician written examination will remain 55 questions; there will be no questions over and above the current Technician exam. "New" Technicians will not receive call signs singling them out as codeless licensees. At a Dec 13 appearance before the FCC Commissioners, PRB Chief Haller noted the special efforts of several PRB staffers for their work in formulating the Reports on both the codeless license and testing of the disabled.

The avalanche of letters from amateurs elicited a

response from Commissioner James Quello, who noted "The large number of comments reflects the vitality of the [amateur] service."

William Cross of the PRB presented the item for the commissioners' consideration. He provided an excellent overview of the continuing contributions of the Amateur Service. "We will look to the Amateur Service" [in the future], Cross said, "to expand the pool of experimenters, engineers, and technicians."

Cross noted a "concern within the amateur community" that the Morse code requirement may discourage some otherwise qualified people who could contribute to the service from entering it.

Cross reminded the commissioners of several specific contributions of amateurs, whom he called "pioneers": the adoption of SSB by the US Air Force in the 1950s, after hams proved the mode's viability; and the hams' early use of low-earth satellites as well as their on-going Space Shuttle SAREX program.

"Society is well served by amateurs available worldwide," Cross said, "by persons ready, willing, and—most important—able to communicate" [in times of emergency].

FCC Chairman Alfred C. Sikes said he saw the proposals as "Having the potential of creating an even more vital and dynamic service."

This method of introducing a codeless class of amateur license was not entirely what the ARRL had proposed. The League sought a totally new class of license (the "Communicator"), that would have granted full amateur frequency and mode privileges only above 220 MHz. This had been a compromise by the League's Board of Directors, some of whom urged greater privileges for the new license class, some less. The board vote was split—nine to six—at the time the proposal was authorized, although support later grew.

The League had sought full protection of current Novice and Technician licensees, which the new rules accomplish.

## REGULAR MEETING

DECEMBER 1990

This month's meeting centered around the Christmas dinner at the Elk's Club. Fifty members and guests attended. Dinner consisted of roast beef or turkey, dressing, potatoes, and vegetables. After the meal, the Czechoslovak Dancers entertained with original folk dances.

The regular meeting followed the entertainment and was called to order by Dave-NØION at 7:50 p.m. After introductions, the minutes of the previous meeting were read and approved with the following changes: Jeff and Renee's little girl is named Cassandra; Harv's call was corrected to WB6YXD.

Rosie-WAØMNL reported the treasury had an income of \$278.00 and expenses of \$269.54 leaving a balance of \$2519.89.

Ron-NKØP noted that the Colorado Connections ad was inadvertently left out but also informed the members that Lee will no longer be taking repairs on items other than computers.

In other business, the board noted that chairpersons are needed for the following positions: Education, VE Testing, and Publicity.

In unfinished business, the tower ordinance issue was to appear before the County Commissioners on Dec. 13th for final approval (the ordinance was approved on a 5 to 1 vote). The trailer is getting some new equipment and is being upgraded. Needed are UHF/VHF antennas, coax, fittings, and other small items.

In new business, all were reminded that January is homebrew night at the regular meeting; additionally, there will be an auction of items that members bring in (see elsewhere in this issue for more details).

January 19th will see the tri-cities breakfast held at the Village Inn on Palmer Park and Academy. This is concurrent with the regular Saturday breakfasts held at this location.

Winners of the raffle were:

Faye - KBØQI	a flashlight
Frank-NØIEN	wall timer unit
Oak - KØROL	utility box
George-WDØK	tickets to wax museum
Ron - NKØP	OEM gift certificate
Lydia-NØLUG	nut driver set
Chris Banks	calculator
Steve-WB7VHR	Flowers

Additionally, the winner of the PK-88 controller was Wayne - WASCMP.

Rosie informed the group that she had been in Limon recently and noted the changes since the tornado. Also, people recognized her ham plates and stopped her to express their thanks and send a Merry Christmas to the hams who had helped them through the troubles.

There being no further business, the meeting was adjourned at 8:20 p.m.

*Respectfully submitted - Mark - NØEPF*

## BOARD MEETING

17 DECEMBER 1990

The board meeting of the Pikes Peak Radio Amateur Association was called to order at 7:03 p.m. by Dave - NØION. Present were: Al - NØCMW, Russ - KBØFNM, Renee - KAØROY, Jeff - NØJLH, Rosie - WAØMNL, Rick - WB7THT, Ron - NKØP, and Mark - NØEPF.

Initial discussion concerned the announcement by the FCC of a no-code license. This led into a discussion of VE testing and the need for a person to head the Testing committee. Ron indicated he would help out but his other duties keep him too busy to chair the position. Questions arose over the possibility of getting sets of VE study materials and even a list of available VE's in the area. Dave will be contacting the ARRL to look into this further.

Rosie announced that the club insurance has been paid for the coming year.

Ron has lined up Dr. Charles E. Stewart to speak at the February club meeting. His topic will concern electrical injuries. Details are printed elsewhere in 0-Beat.

Mark will try and contact Ernie Smith - N6HQQ in Boulder to see if he is available to give a program on sporadic E propagation. He did his thesis on the topic and apparently has slides to supplement his talk.

The auction during homebrew night will occur after the homebrew judging and time will be divided among those with items to sell. Please note that nothing will be left behind if it doesn't sell.

In Swapfest matters, discussion was held concerning prizes to be offered. The committee will look into multi-band VHF rigs and packet controllers. It was Moved and Seconded to spend up to \$800 for two main prizes. This motion passed. Mark will contact various companies to see about their attendance at the swapfest.

Rosie expressed thanks for the help with the Christmas party.

There being no further business, the board adjourned at 8:29 p.m. The next board meeting will be January 14th at the home of Mark.

*Respectfully submitted - Mark - NØEPF*

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